AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-180

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:
ans-editor(a)amsat.org

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*** 2008 AMSAT Space Symposium and Annual General Meeting ***
*** October 24-26 in Atlanta, Georgia ***
*** See The AMSAT Website for Latest Info on This ***
*** Annual Meeting of Our Group ***
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SB SAT @ AMSAT $ANS-180.01
ARRL Clarifies ISS Satellite Category

AMSAT News Service Bulletin 180.01
>From AMSAT HQ SILVER SPRING, MD.
June 29, 2008
To All RADIO AMATEURS
BID: $ANS-180.01

Word was received this week from Sean Kutzko, KX9X, the Contest Branch Manager at the ARRL clarifying the rules in regard to the ISS amateur radio operations.

Sean wrote, "At the request of several in the satellite community, I spent some time last evening reviewing data presented to me concerning my ruling that the ISS would not count for satellite QSO credit during Field Day."

"After reviewing the data last evening, I have come to the conclusion that my first ruling was incorrect; The ISS is indeed eligible for satellite QSO credit during Field Day."

I hope everybody had fun this weekend.

[ANS thanks Sean KX9X at the ARRL for the above information]

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SB SAT @ AMSAT $ANS-180.02
Final Call for Papers - AMSAT UK Colloquium

AMSAT News Service Bulletin 180.02
>From AMSAT HQ SILVER SPRING, MD.
June 29, 2008
To All RADIO AMATEURS
BID: $ANS-180.02

This is the final call for speakers/papers for the 23rd Amsat-UK Colloquium which will be held at Surrey University, Guildford, Surrey, U.K., from Friday 25th July to Sunday 27th July 2008.

Details of this and previous events can be found at:
http://www.uk.amsat.org.

Amsat-UK invite speakers, about amateur radio space and associated activities, for this event. They are also invited to submit papers for the "Proceedings" document which will be published at the same time but printed papers are not mandatory. We normally prefer authors to present talks themselves rather than having someone else give them in the authors' absence. We also welcome "unpresented" papers for the Proceedings document.

Offers of talks should be submitted as soon as possible; the final date for full documents to be received is July 16th 2008 in order that the "Proceedings" document be available to participants.

Submissions should be sent *ONLY* to G4DPZ, via the following routes:

Internet e-mail: david dot johnson at blackepper do co dot uk

SnailMail: QTHR from http://www.qrz.com

73

Dave
G4DPZ

[ANS thanks Dave, G4DPZ for the above information]

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SB SAT @ AMSAT $ANS-180.03
IARU-News Release

AMSAT News Service Bulletin 180.03
>From AMSAT HQ SILVER SPRING, MD.
June 29, 2008
To All RADIO AMATEURS
BID: $ANS-180.03

26 June 2008

For immediate release

IARU Officer Nominations Agreed for 2009-2014 Term

The Administrative Council (AC) of the International Amateur Radio Union (IARU) held its annual meeting on 24-25 June 2008 in Konstanz, Germany and took the following actions.

1. The consultative process leading to nominations for IARU President

and Vice President for the five-year term beginning on 9 May 2009 was completed between the AC and the American Radio Relay League, the IARU member-society that serves as the International Secretariat. IARU President Larry Price, W4RA had announced in 2007 that he was not available to serve an additional term. The AC agreed that Vice President Tim Ellam, VE6SH and Region 1 President Ole Garpestad, LA2RR are suitably qualified to serve as IARU President and Vice President, respectively. Their nominations will be offered to the member-societies for ratification.

2. A comprehensive review and update of the working document that defines the additional spectrum requirements of the amateur and amateur-satellite services was conducted. Requests from the amateur satellite community for support of additional allocations were considered and referred to the IARU Satellite Adviser for additional information.

3. The IARU International Coordinator for Emergency Communications, Hans Zimmermann, HB9AQS/F5VKP, presented his report in person. He noted the outstanding performance of radio amateurs in China who responded to the recent tragic earthquake emergency.

4. Reports of the other IARU international coordinators and advisers were received. They are International Beacon Project Coordinator Peter Jennings, AB6WM/VE3SUN; Satellite Adviser Hans van de Groenendaal, ZS6AKV; EMC Adviser Christian Verholt, OZ8CY; and Interim Monitoring System International Coordinator Chuck Skolaut, K0BOG.

5. An additional progress report was received from an ad hoc committee that is investigating the future role and structure of the IARU. Work since the previous AC meeting has refined the structure and identified the remaining issues to be resolved.

6. A resolution offered by Region 1 that seeks to improve the operating standards of radio amateurs was adopted. The AC endorses and recommends the principles set out in the booklet “Ethics and Operating Procedures for the Radio Amateur” by John Devoldere, ON4UN and Marc Demeuleneere , ON4WW, and encourages each IARU Region to consider this booklet, with a view to adopting it, including any Regional variations that might be felt appropriate.

7. A study of the international QSL bureau system was commissioned. The study will seek input from member-societies on the problems they face in light of escalating postage and other expenses, and the anticipated impact of electronic confirmation systems such as the ARRL’s Logbook of the World.

8. The three-year strategic plan for the development of support for amateur radio frequency allocations was reviewed and renewed for the period 2008-2011. The principal focus is on preparations for the 2011 World Radiocommunication Conference (WRC-11), especially the attainment of an amateur allocation in the vicinity of 500 kHz.

9. The International Telecommunication Union (ITU) meetings at which IARU representation will be required for the coming year were identified, and plans for representation were reviewed.

10. The plans of Region 3 for the IARU presence at Telecom Asia 2008 (Bangkok, 2-5 September) and of the International Secretariat for Telecom World 2009 (Geneva, 5-9 October) were reviewed.

11. The budget for 2009-2011 as presented by the International Secretariat (ARRL) was reviewed. The budget includes provision for financial contributions from the three regional organizations to defray

a portion of the expenses, in accordance with previously adopted policy.

12. The 29 March 2009 implementation of the worldwide exclusive allocation of 7100-7200 kHz adopted at the 2003 WRC was noted and the many contributors to this achievement were recognized.

13. “Amateur Radio: Your Resource in Disaster and Emergency Communication” was selected as the theme for the next World Amateur Radio Day, April 18, 2009.

14. Status reports from each of the three IARU regional organizations were received and discussed. The next regional conference will be that of Region 1, to be held in Cavtat, Croatia in mid-November.

Attending the Konstanz meeting were IARU President Larry Price, W4RA; Vice President Tim Ellam, VE6SH/G4HUA; Secretary David Sumner, K1ZZ; regional representatives Ole Garpestad, LA2RR, Don Beattie, G3BJ, Hans Blondeel Timmerman, PB2T, Reinaldo Leandro, YV5AMH, Ramon Santoyo, XE1KK, Rod Stafford, W6ROD, Michael Owen, VK3KI, Gopal Madhavan, VU2GMN, ARRL President Joel Harrison, W5ZN, on behalf of the International Secretariat, and recording secretary Paul Rinaldo, W4RI. IARU International Coordinator for Emergency Communications Hans Zimmermann, HB9AQS/F5VKP attended a portion of the meeting.

The next scheduled meeting of the AC will be held in Christchurch, New Zealand in October 2009.

[ANS thanks Trevor, M5AKA, for the above information]

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SB SAT @ AMSAT $ANS-180.04
HAM RADIO IN SPACE: CELEBRATING 45 YEARS OF WOMEN IN SPACE

AMSAT News Service Bulletin 180.04
>From AMSAT HQ SILVER SPRING, MD.
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To All RADIO AMATEURS
BID: $ANS-180.04

HAM RADIO IN SPACE: CELEBRATING 45 YEARS OF WOMEN IN SPACE

In ham radio space related news, word that special event station R45VT is on the air. This, to commemorate the 45th Anniversary of Valentina Vladimirovna Tereshkova becoming the first woman in space.

Tereshkova flew to orbit on June 16th 1963 as pilot onboard Vostok 6. Her call sign during the flight was Chaika. She spent 71 hours in space orbiting the Earth 48 times.

Since that time women have made a significant contribution to space exploration and many of them have been licenced Radio Amateurs. A few of the many notable women space explorers since Valentina Tereshkova include American Sally Ride and the United Kingdom's Helen Sharman to mention only a few.

Sharman was also the first UK woman to be issued a ham radio call for her flight. She operated from the Mir Space Station as GB1MIR

And very apropos for this type of commemorative operation. At least one UK ham resports that he recently worked R45VT through the VO-52 amateur radio satellite. (Southgate)

[ANS thanks ARRL for the above information]

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SB SAT @ AMSAT $ANS-180.05
Stanford Cubesat Ground Station Survey

AMSAT News Service Bulletin 180.05
>From AMSAT HQ SILVER SPRING, MD.
June 29, 2008
To All RADIO AMATEURS
BID: $ANS-180.05

James Cutler, Department of Aeronautics and Astronautics at Stanford University asks for help from amateur radio cubesat ground stations, "We are conducting a survey on global ground station availability, and we need your help! If you have a ground station, would you please fill out our survey? It will ask you about station locations and the characteristics of the antennas (type and frequency)".

The survey is located at:
URL: http://ssdl.stanford.edu/gs_survey/
User: gs
Password: stanford
Institution - just use your callsign

Please provide input by July 7, 2008 if possible. We will make the results available later this summer. We will be using the data for research on improving throughput through networks such as GENSO.

[ANS thanks James Cutler, and Graham G3VZV for the above information]

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SB SAT @ AMSAT $ANS-180.06
Upcoming ISS Scheduled Contacts

AMSAT News Service Bulletin 180.06
>From AMSAT HQ SILVER SPRING, MD.
June 29, 2008
To All RADIO AMATEURS
BID: $ANS-180.06

ESC (Euro Space Camp) in Belgium
Simulated contact with Frank De Winne ON1DWN
Contact is a go for: Thu 2008-07-03 1900 UTC at the earliest
Watch for IRLP coverage.

Ottawa South United Soccer Club, Canada
Simulated contact with Bob Thirsk W5/VA3CSA
Contact is a go for: Thu 2008-07-03 20:55 GMT at the earliest
Watch for IRLP coverage.

Round Rock Texas Scout Pack #304 and Blackland Prairie Elementary School, Round Rock, Texas, direct via W5KA
Contact is a go for: Fri 2008-07-04 16:32 UTC 52 deg

Total number of ARISS ISS to earth school contacts is 350. (***)
Total number of ARISS supported terrestrial contacts is 7.

QSL information may be found at:
http://www.arrl.org/ARISS/arissfaq.html
http://www.rac.ca/ariss/oindex.htm#QSL's

ISS callsigns: DP0ISS, NA1SS, OR4ISS, RS0ISS

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The complete schedule page has been updated as of 2008-06-26 04:00 UTC.

Here you will find a listing of all scheduled school contacts, and questions, other ISS related websites, IRLP and Echolink websites, and instructions for any contact that may be streamed live.
http://www.amsat.org/amsat/ariss/news/arissnews.txt

The successful school list has been updated as of 2008-06-26 04:00 UTC.
http://www.amsat.org/amsat/ariss/news/Successful_ARISS_schools.rtf

Frequency chart for packet, voice, and crossband repeater modes showing Doppler correction as of 2005-07-29 04:00 UTC
http://www.amsat.org/amsat/ariss/news/ISS_frequencies_and_Doppler_correction.rtf

Listing of ARISS related magazine articles as of 2006-07-10 03:30 UTC:
http://www.amsat.org/amsat/ariss/news/ARISS_magazine_articles.rtf

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There have been rumors in the past indicating that the ISS was having direct contacts on the 40 meter band. There is no HF radio equipment on board and available yet. The HF antenna is mounted. Sometimes WA3NAN will retransmit shuttle audio.

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Expedition 17 on orbit:
Sergei Volkov
Oleg Kononenko RN3DX
Gregory Chamitoff KD5PKZ

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73,
Charlie Sufana AJ9N
One of the ARISS operation team mentors

[ANS thanks Charlie, AJ9N, for the above information]

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SB SAT @ AMSAT $ANS-180.07
Satellite Shorts From All Over

AMSAT News Service Bulletin 180.07
>From AMSAT HQ SILVER SPRING, MD.
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To All RADIO AMATEURS
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+ Paul, 2E1EUB plans to be active on satellites from grid IO87rj near
  Aberdeen, Scotland starting June 28 for 7 days. He will be using the
  callsign 2M1EUB/P. There may be some low elevation opportunities to
  work North America via AO-7. The QRZ.com web page 2M1EUB provides
  QSL information.

+ The NanoSail-D satellite mentioned in prior ANS reports was featured
  this week in a NASA web release: "This summer, NASA engineers will
  try to realize a dream older than the Space Age itself: the deployment
  of a working solar sail in Earth orbit. It is scheduled for launch on-
  board a SpaceX Falcon 1 rocket as early as July 29, 2008. See:
  http://science.nasa.gov/headlines/y2008/26jun_nanosaild.htm?list958901

+ The EE Times ran an article about Suitsat and SuitSat-2. The SDR
  transponder aboard SuitSat-2 is based on the High Performance Software
  Defined Radio "Odyssey" system. For the article see:
  http://www.eetimes.com/showArticle.jhtml;?articleID=208403999
  (Via Graham, KE9H on the HPSDR Discussion List at http://hpsdr.org)

[ANS thanks everyone for the above information]

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In addition to regular membership, AMSAT offers membership in the
President's Club. Members of the President's Club, as sustaining donors
to AMSAT Project Funds, will be eligible to receive additional benefits.
Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
Dee Interdonato, NB2F
nb2f at amsat dot org